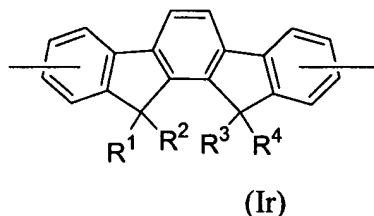


**AMENDMENTS TO THE CLAIMS**

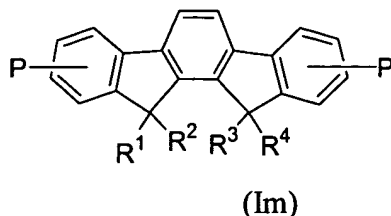
1. (Original) An oligomer or polymer comprising an optionally substituted first repeat unit of formula (Ir):



wherein R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup>, which may be the same or different, are independently selected from hydrogen or a substituent and two or more of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> may be linked to form a ring.

2. (Original) An oligomer or polymer according to claim 1 wherein each R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is independently selected from the group consisting of optionally substituted alkyl, alkoxy, aryl, or heteroaryl.
3. (Currently amended) An oligomer or polymer according to ~~claim 1 or 2~~ claim 1, wherein at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is optionally substituted phenyl or optionally substituted C<sub>1-20</sub> alkyl.
4. (Original) An oligomer or polymer according to claim 3 wherein at least one R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is different from at least one other of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup>.
5. (Currently amended) An oligomer or polymer according to ~~any preceding claim~~ claim 1, wherein the first repeat unit is linked through the 2- and 9-positions.
6. (Currently amended) An oligomer or polymer according to ~~any preceding claim~~ claim 1, wherein the oligomer or polymer comprises a second repeat unit.
7. (Original) An oligomer or polymer according to claim 6 wherein the second repeat unit is selected from optionally substituted aryl, heteroaryl and triarylamine repeat units.

8. (Original) An optionally substituted monomer of formula (Im):

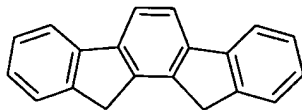


wherein  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$ , which may be the same or different, are independently selected from hydrogen or a substituent and two or more of  $R^1$ ,  $R^2$ ,  $R^3$  and  $R^4$  may be linked to form a ring; and each P represents a polymerisable group.

9. (Original) A monomer according to claim 8 wherein each P represents a leaving group capable of participating in a polycondensation mediated by a metal of variable oxidation state.
10. (Original) A monomer according to claim 9 wherein each P is independently selected from halogen; a moiety of formula  $-O-SO_2-Z$  wherein Z is selected from the group consisting of optionally substituted alkyl and aryl; or a reactive boron group selected from a boronic acid, a boronic ester or a borane.
11. (Currently amended) A process for preparing an oligomer or polymer comprising the step of oligomerising or polymerising a monomer according to claim 8 ~~any one of claims 8-10~~.
12. (Currently amended) A process for preparing an oligomer or polymer according to ~~claim 11 as dependent on claim 10~~ claim 11 wherein each P is independently a halogen or a moiety of formula  $-O-SO_2-Z$ , and the monomer of formula (Im) is oligomerised or polymerised in the presence of a nickel complex catalyst.
13. (Currently amended) A process for preparing a polymer according to ~~claim 11 as dependent on claim 10~~ claim 11 wherein the monomer of formula (Im) is oligomerised or polymerised with a second aromatic monomer in the presence of a palladium complex catalyst and a base and

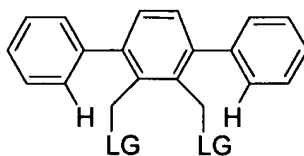
- a. each P is the same or different and comprises a reactive boronic group and the second monomer comprises two reactive groups independently selected from halogen and a moiety of formula -O-SO<sub>2</sub>-Z, or
  - b. each P independently comprises a halogen or a moiety of formula -O-SO<sub>2</sub>-Z and the second monomer comprises two reactive boron groups which are the same or ~~different~~ different.
14. (Currently amended) A process for preparing an oligomer or polymer according to ~~claim 11 as dependent on claim 10~~ claim 11, wherein one P is a reactive boron group and the other P is a halogen or a moiety of formula -O-SO<sub>2</sub>-Z.
15. (Currently amended) An optical device comprising an oligomer or polymer according to ~~any one of claims 1-7~~ claim 1.
16. (Original) An optical device according to claim 15 wherein the oligomer or polymer is located between a first electrode for injection of charge carriers of a first type and a second electrode for injection of charge carriers of a second type.
17. (Currently amended) A switching device comprising an oligomer or polymer according to ~~any one of claims 1-7~~ claim 1.
18. (Currently amended) A field effect transistor comprising an insulator having a first side and a second side; a gate electrode located on the first side of the insulator; an oligomer or polymer according to ~~any one of claims 1-7~~ claim 1 located on the second side of the insulator; and a drain electrode and a source electrode located on the oligomer or polymer.
19. (Original) An integrated circuit comprising a field effect transistor according to claim 18.

20. (Original) A method of forming an optionally substituted compound of formula (I):



(I)

comprising the step of eliminating LG-H from an optionally substituted compound of formula (Ip):



(Ip)

wherein each LG is the same or different and represents a leaving group.

21. (Original) A method according to claim 20 wherein each LG is hydroxy.
22. (Currently amended) A method according to ~~claim 20 or 21~~ claim 20 wherein the elimination is performed in the presence of an acid.
23. (Original) A method according to claim 21 wherein the acid is polyphosphoric acid.
24. (Currently amended) A method according to ~~any one of claims 20-23~~ claim 20 comprising the further step of providing a polymerisable group P on each of the outer phenyl rings of the compound of formula (I) or (Ip).